2121

PATENT
Docket No.: 801939/112

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Long et al.	)
Serial No. :	10/042,936	)
Cnfrm. No. :	4595	)
Filed :	January 9, 2002	) #10
For :	A METHOD FOR ASSEMBLING THE FINITE ELEMENT DISCRETIZATION OF ARBITRARY WEAK EQUATIONS, INVOLVING LOCAL OR NON-LOCAL MULTIPHYSICS COUPLINGS	)

Examiner:
To Be Assigned

Art Unit:
2121

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97-1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the

United States Patent and Trademark Office, the enclosed references listed on the attached

PTO-1449 form.

In accordance with 37 C.F.R. § 1.97(b)(3), no fee is required. If additional

fees are required, however, the Commissioner is hereby authorized to charge any fees to

Deposit Account No. 14-1138.

Respectfully submitted,

Date: March 10, 2004

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	10/042,936
Filing Date	January 9, 2002
First Named Inventor	Long et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned

Sheet	1	of	1	Attorney Docket Number	801939/112

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	1	George et al., "Delaunay Triangulation and Meshing," *Hermes*, Paris 33-238 (1998) Delaunay triangulation: 33-46, 50-59; Constrained triangulation: 73-99; Parametric surface meshing: 161-173; Optimizations: 215-238	
	2	Dahlquist, et al., "Numerical Methods," *Prentice Hall* 284-355 (1974) Interpolation: 284-285; Linear Solver: 146-172; Time-Dependent Solver: 347-355; Eigenvalue Solver: 208-211; Damped Newton Method: 248-253	
	3	Brenner et al., "The Mathematical Theory of Finite Element Methods," *Springer-Verlag* 1-12 (1994) The Finite Element Method: 1-12	
	4	Frey et al., "Mesh Generation, Application to Finite Elements," *Hermes*, Paris 88-90 (2000) Mesh Search: 88-90	
	5	Zienkiewicz et al., "The Finite Element Method," *McGraw-Hill* 1:23-177 Basis Function: 23-26; Quadrature Formulas, Gauss Points, Weights: 175-177	
	6	Davenport et al., "Computer Algebra Systems and Algorithms for Algebraic Computation," *Academic Press* 28-32 (1993) Symbolic Differentiation: 28-32	
	7	C. Johnson, "Numerical Solution of Partial Differential Equations by the Finite Element Method," *Studentlitteratur* 14-18 (1987) Test Function 14-18	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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